

**METHOD, APPARATUS AND PROGRAM STORAGE DEVICE FOR  
OPTIMIZING STORAGE DEVICE DISTRIBUTION WITHIN A RAID TO  
PROVIDE FAULT TOLERANCE FOR THE RAID**

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**ABSTRACT**

A method, apparatus and program storage device for optimizing storage device distribution within a RAID to provide fault tolerance for the RAID is disclosed. A distribution of storage devices is determined and the distribution of storage devices is analyzed to provide a distribution that optimizes the fault tolerance of the RAID.